

NUFO 2016
Federated Systems Breakout Session

NOTES

Umbrella (federated) login for all facilities

- Need single identifier for each person → ORCID
- API to send users to site to sign up for ORCID if they don't have one

Consortia

- Need a lead, admin lead, technical lead
- Issue to work out: How the labs will each fund this
 - Can they invoice separately?

Systems would need to add an extra field to database tables to capture ORCID → any concerns with adding this field at your institution?

- Have to get in the priority list for development – need management to back the change

Does the single sign-on redirect to all facilities? Do users need to log in again when going into each facility's external-facing sites?

Use ORCID to track which users come to meetings/workshops/conferences (during registration) and then see who submits proposals afterward

- Where is your outreach going? Is it successful?

Federated login with authentication requirements (don't use ORCID's authentication)

- Open ID
- SAML system – would want to join **eduGAIN Federation**
 - Umbrella is based off SAML
 - CERN, many US Universities are part of **eduGAIN Federation**
 - LLNL, ORNL are members
 - Laura → find out how lab is using this
 - IN US, USE "IN COMMON"
- Need Labs to agree on using single sign-on
 - May need two-factor authentication?

Umbrella account – set up account and then link others to it for a single sign-on

- Look at Cecelia's site → Jason will look at this and how they do their sign-on

Who would own this?

- SSURF?
 - Portal where users could log in and see which calls are open, etc.

Get an authenticated ORCID from users – they go to ORCID and log in, send it back to us

- Help prevent duplicate ORCIDs
- May have duplicates when users switch institutions

Could SSURF host all of the user information?

- Each Lab would have to figure out if they want to do that kind of data sharing with a third party.
- Web services to get some of the information, but keep PII behind the firewall at the institution it comes from

Start with unique ID in proposals and publications, work up from there.

SAMPLE TRACKING

- GRAILS = java based system for Jason's sample tracking

MOVING FORWARD

GETTING STARTED

STEP 1: Get buy-in from Labs to capture and use ORCIDs

- Modify existing video from ORNL about why researchers should use ORCIDs
- Start capturing them during
 - proposal submission - mandatory for PI
 - user access process - mandatory for users once they need access/come onsite
- Pop-up boxes in Portals to remind users about providing ORCIDs

STEP 2: Make it easier on the user to pull in authenticated ORCIDs and reduce errors

FUTURE STEPS

- Portal similar to Umbrella
 - Buy-in from universities
 - Stanford
 - UC Berkeley
 - UT
 - University of Chicago
 - Buy-in from Labs for single sign-on
 - Portal host
 - Developers
 - Decide on stack
- Find someone to host this Portal
 - Can SSURF do this once they're incorporated?

Issues:

- Existing "one-stop shops" – light sources, nanocenters (have site mandated by DOE)
 - Neutronsources.org, dino
- Funding – would they want to fund these other places and the new site

ACTION ITEMS

- **Jason**
 - Write up proposal one-pager about the benefits of using eduGAIN
 - Several are already part of it; can we get all labs using it?
 - Talk to Cecelia about how Umbrella did their Portal (Terry to send contact info to Jason)
 - Can we replicate anything?
- **Laura & Essex**
 - Find out how LLNL and ORNL are using eduGAIN
- Follow up with Ben about standardized institution list he was working on
 - Ringgold = institution list
 - LDAP
- Quarterly user admin telecons to share benchmarking, best practices, etc.